IN THE CLAIMS:

Please cancel without prejudice claim 2, amend claims 1 and 3-7 and add new claims 8-19, as indicated in the complete listing of claims provided below.

1.   (currently amended) A host computer which contains a server comprising software, in which multiple virtual machines in software, each of the virtual machines comprising software contains containing a web browser, whereby each of the virtual machines communicating virtual machine communicates with a dedicated client, the dedicated client being in software running on the host computer, comprising another software which converts the dedicated client converting information received from a corresponding one of the virtual machines into a display to a raster image, which is compressed and sent in a specific order to a dedicated modem to a port for transmission to a remote portable display device.

2.   (canceled)

3.   (currently amended) A device host computer as claimed in claim 1, Claims 1 and 2 whereby wherein the display area of the portable display device is smaller than the image; decompressed images stored in internal memory, such that the according to a location of an area of the image to be displayed on the portable display device, the display area is relayed to the dedicated client which sends compressed images in this the area of the image first and then automatically sends surrounding areas surrounding the area of the image after.

4.   (currently amended) A device host computer as claimed in claim 1, Claims 1 and 2 whereby wherein during the transmission of the image to the portable display device, a mouse click or keyboard command from the portable display device is relayed

immediately to the <u>dedicated</u> client <u>through the port;</u> ~~which~~ <u>the dedicated client communicates with the web browser to send</u> ~~sends~~ a new image ~~from the web browser~~ to the portable display device if required, otherwise original activities are resumed.

5. (currently amended) A <u>host computer</u> ~~device~~ as claimed in <u>claim 1,</u> ~~Claims 1 and 2~~ ~~whereby~~<u>wherein the port comprises a modem port for communication over a telephone connection;</u> beacons are relayed between the portable display device and the client to confirm a telephone connection is established<u>;</u> ~~such that~~ a beacon not received is interpreted as a disconnection ~~and~~ <u>which initiates</u> a reconnection sequence <u>between the dedicated client and portable display device.</u> ~~to the same client is initiated.~~

6. (currently amended) A <u>host computer</u> ~~device~~ as claimed in <u>claim 1,</u> ~~Claims 1 and 2~~ ~~whereby~~<u>wherein the dedicated client breaks the image into blocks for transmission in files;</u> an error protocol verifies ~~all~~<u>the</u> files <u>for the image</u> sent from the <u>dedicated</u> client to the portable display device are successfully received, decompressed and acknowledged by the portable display device ~~such that any files containing errors or files not received are sent again and placed in the corrected location.~~

7. (currently amended) A host computer <u>as claimed in claim 1, wherein the image is</u> ~~which contains a server comprising software, in which multiple virtual machines each comprising software contains a web browser, whereby each virtual machine communicates with a dedicated client comprising another software which converts information received to a raster image, which is compressed and~~ sent over the Internet

to be viewed by ~~the~~ a portable <u>display</u> device comprising a display screen ~~and related micro-electronics which can log on to the host computer and is able to decompress that image and display it on the display screen~~.

8.   (new) A method to provide simultaneous remote access, the method comprising:

running multiple virtual machines on a computer system, each of the virtual machines executing an application program; and

running multiple clients on the computer system, each of the clients:

communicating with one of the virtual machines to generate a display image of the corresponding one of the virtual machines, the display image showing the application program; and

transmitting the display image in a compressed format to a remote device for display.

9.   (new) The method of claim 8, wherein the clients communicate with the virtual machines using a remote data protocol.

10.   (new) The method of claim 8, wherein a display area of the remote device is smaller than the display image; the method further comprises:

breaking the display image into blocks;

receiving an indication of an area of the display image to be displayed on the remote device; and

transmitting one or more blocks to be displayed in the display area of the remote device before automatically transmitting blocks surrounding the one or more blocks.

11. (new) The method of claim 10, wherein during said transmitting the method further comprises:

receiving a user input from the remote device to operate the application program;

if no new display image is generated from the user input, resuming said transmitting; and

if a new display image is generated from the user input, transmitting the new display image in a compressed format to the remote device for display.

12. (new) The method of claim 10, further comprising:

determining if a connection between the remote device and one of the clients is disconnected; and

in response to a determination that the connection is disconnected, reconnecting the remote device and the corresponding one of the clients.

13. (new) The method of claim 10, further comprising:

detecting an error in transmitting a block of the display image; and

retransmitting the block of the display image without retransmitting the entire display image.

14. (new) A machine readable medium containing executable computer program instructions which when executed by a data processing system cause said system to perform a method to provide simultaneous remote access, the method comprising:

executing multiple virtual machines on a computer system, each of the virtual machines executing an application program; and

executing multiple clients on the computer system, each of the clients:

    communicating with one of the virtual machines to generate a display image

        of the corresponding one of the virtual machines, the display image

        showing the application program; and

    transmitting the display image in a compressed format to a remote device for

        display.

15.   (new) The medium of claim 14, wherein the clients communicate with the virtual machines using a remote data protocol.

16.   (new) The medium of claim 14, wherein a display area of the remote device is smaller than the display image; the method further comprises:

breaking the display image into blocks;

receiving an indication of an area of the display image to be displayed on the remote

    device; and

transmitting one or more blocks to be displayed in the display area of the remote

    device before automatically transmitting blocks surrounding the one or more

    blocks.

17.   (new) The medium of claim 16, wherein during said transmitting the method further comprises:

receiving a user input from the remote device to operate the application program;

if no new display image is generated from the user input, resuming said transmitting;

    and

if a new display image is generated from the user input, transmitting the new display

image in a compressed format to the remote device for display.

18.   (new) The medium of claim 16, wherein the method further comprises:

determining if a connection between the remote device and one of the clients is

disconnected; and

in response to a determination that the connection is disconnected, reconnecting the

remote device and the corresponding one of the clients.

19.   (new) The medium of claim 16, wherein the method further comprises:

detecting an error in transmitting a block of the display image; and

retransmitting the block of the display image without retransmitting the entire display

image.